

May-01-12 10:43:08 AM

84016

Page 1

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 01/05/2012 **Start Qty:** 120.00

120

Cust Item ID:

Required Date: 15/05/2012 **Req'd Qty:** 120.00

120

Customer:

Reference:

Approvals:

Process Plan: M.L.J

Date: 12/05/02 Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

[illegible]

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 84016

84016

Page 2

May-01-12 10:43:08 AM

Item ID: D3278-3 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Spacer
 Start Date: 01/05/2012 Start Qty: 120.00 ***120*** Cust Item ID:
 Required Date: 15/05/2012 Req'd Qty: 120.00 ***120*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|--------------------------|
| 130 | | 0.00 | | | | | | | |
| *130* | Small Fab | | | | | 120 | | | SP 12/05/07 |
| Small Fab | Memo | 0.00 | | | | | | | |
| Small Fab | 1-C'sink as per dwg D3278 2-Deburr | | | | | | | | |
| 140 | | 0.00 | | | | | | | |
| *140* | QC5- Inspect part completeness to step on W/O | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | conty 120 05/01/09 |
| Quality Control | | | | | | | | | |
| 150 | | 0.00 | | | | | | | |
| *150* | Identify as per dwg & Stock Location: AGA | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | | | | | | 120x | | | SP 12-5-8 |

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

84016

Page 3

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 01/05/2012 **Start Qty:** 120.00

120

Cust Item ID:

Required Date: 15/05/2012 **Req'd Qty:** 120.00

120

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Operation Description

Set Up/ Run Hours

Tool ID

Tool #

**Plan
Code**

**Accept
Qty**

Reject
QtyReject
Number

Insp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

12/5/87

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Picklist Print

May-01-12 10:43:12 AM

Page 1

Work Order ID: 84016

84016

Parent Item: D3278-3

D3278-3

Parent Item Name: Spacer

Start Date: 01/05/2012

Required Date: 15/05/2012

Start Qty: 120.00

Required Qty: 120.00

Comments:

IPP A 04.04.19 New issue KJ/JLM

IPP B 07.09.06 Rev C dwg EC Verified by: JLM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| MDELRINS0.125 | | Purchased | No | | | 100 | sf | 24.0000 | 0.0344 | 4.345263 | | | |

MDFI RINS0 125

**

Black Delrin Sheet .125

Location

Loc Qty

Loc Code

MAT055

24

119133

8

119256

16

119133

14.35

Jm/nh
12-5-3

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

| W/O: | | WORK ORDER CHANGES | | | | | |
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| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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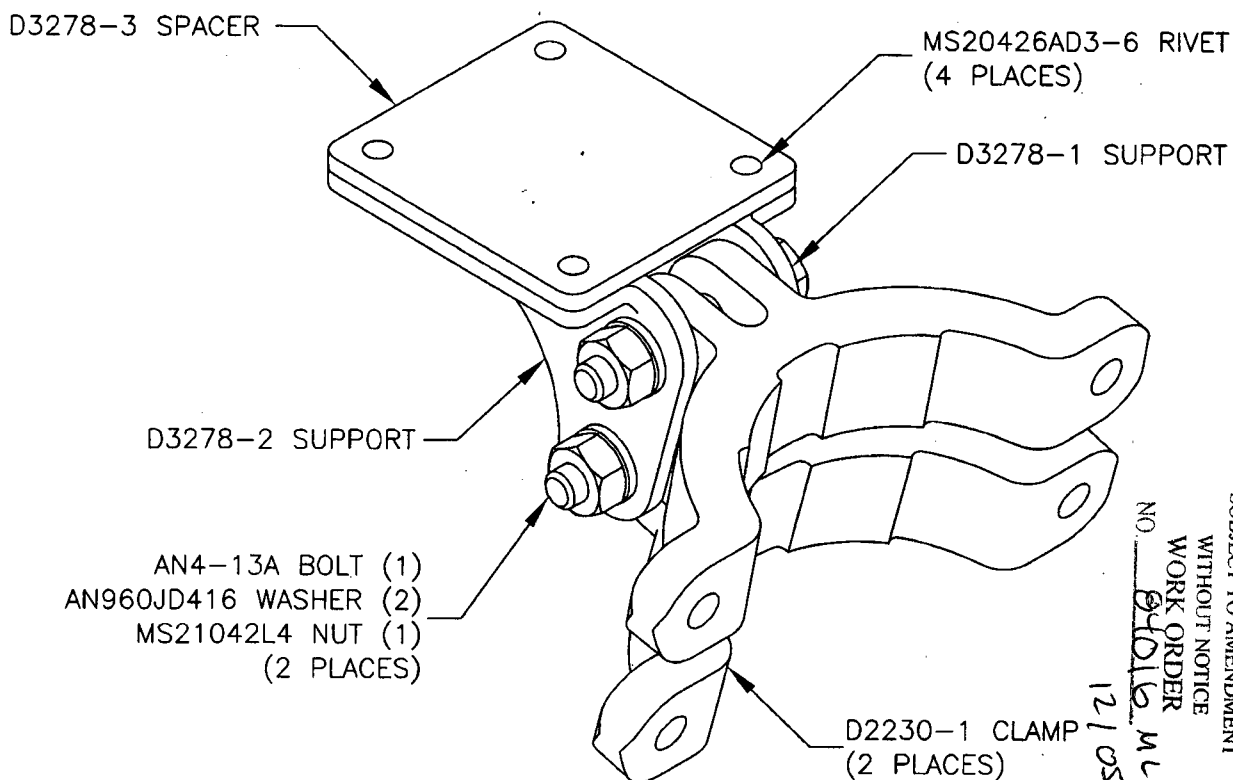
NOTE: Date & initial all entries

DART

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|------------------|----------------|---|------------------------|
| DESIGN 97 | DRAWN BY JC | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED B | APPROVED H | DRAWING NO. D3278 | REV. C SHEET 1 OF 3 |
| DATE 07.07.24 | | TITLE SUPPORT ASSEMBLY | SCALE NTS |
| A | 04.03.03 | NEW ISSUE | |
| B | 05.03.31 | CHANGE DIM/TOL TO ENSURE FIT | |
| C | 07.07.24 | CHANGED RIVETS PER PAR #185 | |

RELEASED
07-08-06

D3278-041 SUPPORT ASSEMBLY



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 84016 MJS
12/05/02

| Qty | Part Number | Description |
|-----|--------------|------------------|
| X | D3278-041 | SUPPORT ASSEMBLY |
| 2 | D2230-1 | CLAMP |
| 1 | D3278-1 | SUPPORT |
| 1 | D3278-2 | SUPPORT |
| 1 | D3278-3 | SPACER |
| 2 | AN4-13A | BOLT |
| 4 | AN960JD416 | WASHER |
| 4 | MS20426AD3-6 | RIVET |
| 2 | MS21042L4 | NUT |

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

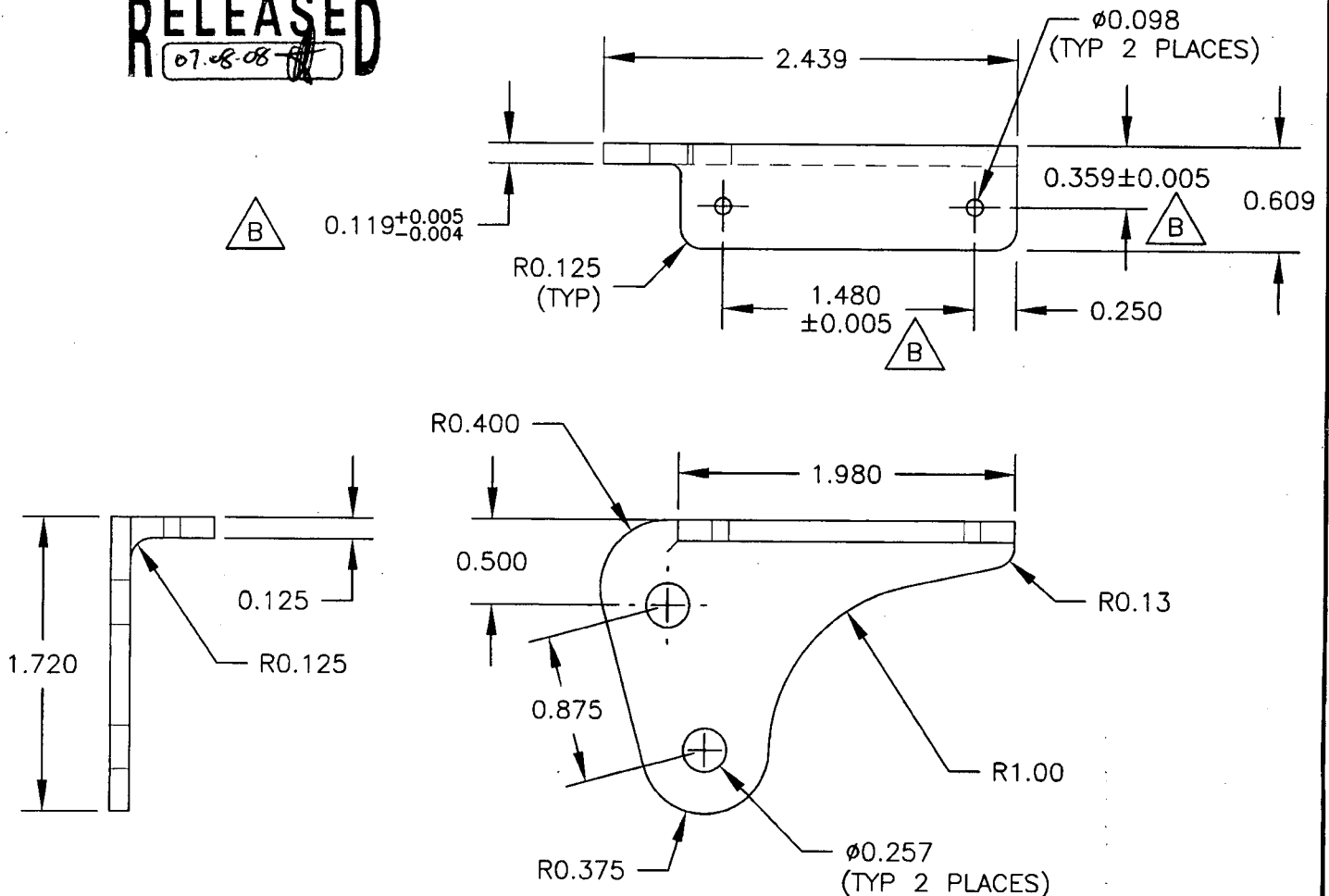
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

DART

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|------------------|----------------|---|------------------------|
| DESIGN 99/ | DRAWN BY JC | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED B | APPROVED H | DRAWING NO. D3278 | REV. C SHEET 2 OF 3 |
| DATE 07.07.24 | | TITLE SUPPORT ASSEMBLY | SCALE 1:1 |

RELEASED
07.08.08**D3278-1 SUPPORT (SHOWN)****D3278-2 SUPPORT (OPPOSITE)**

- 1) MACHINE PER DWG FILE "D3278-1.SLDPRT"
- 2) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
PER AMS-QQ-A-200/8 (OR AMS 4160)
(REF. DART SPEC. M6061T6B)
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

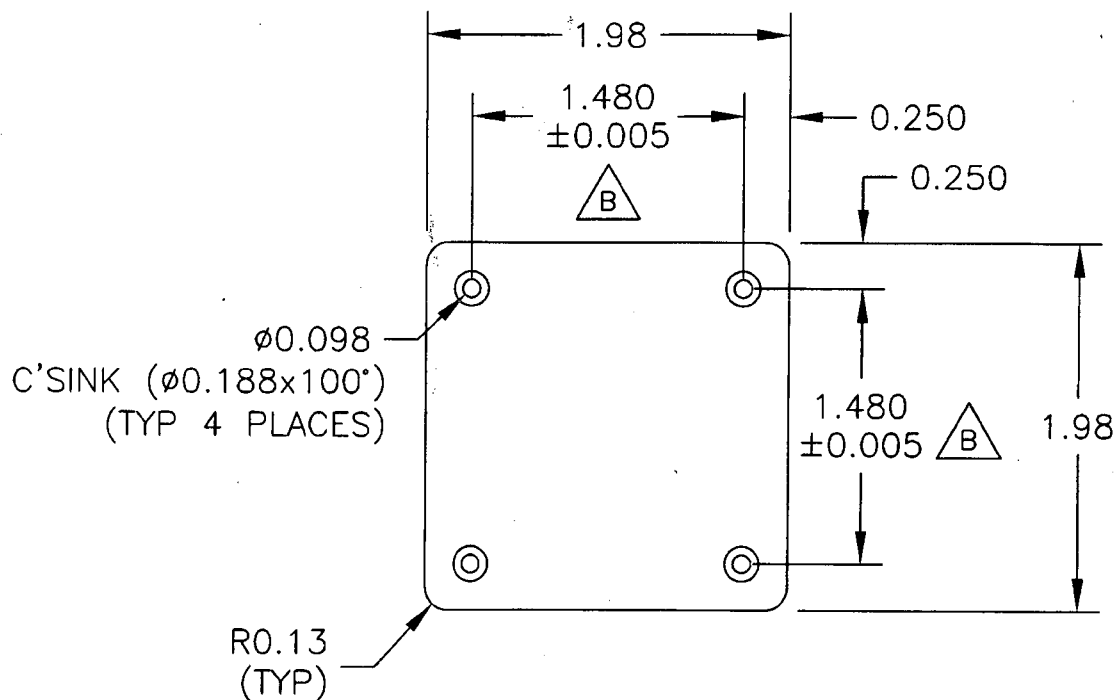
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

DART

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| DESIGN <i>GP</i> | DRAWN BY <i>BC</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED <i>B</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D3278 | REV. C SHEET 3 OF 3 |
| DATE 07.07.24 | | TITLE SUPPORT ASSEMBLY | SCALE 1:1 |

RELEASED
07.08.08**D3278-3 SPACER**

- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL
(REF. DART SPEC. M-DELRIN-B0.125x2.000) OR
DELRIN II 150E OR ACETRON GP ACETAL
(REF. DART SPEC. M-DELRIN-S.125)
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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